



# Aurora Data Collection

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Initial: \_\_\_\_\_

**Directions:** The following questions will help you analyze the data to determine the answer to the big question, "***Have auroras been seen within the last 24 hours due to a solar storm?***" You can answer each of the questions on the back of this paper or on a separate Aurora Answer Sheet.

## Refer to POES Satellite Data:

Use the information from image #11 in the Sun-Earth Media Viewer to answer the following questions:

- a) What is the intensity of the storm: Severe, Intense, Moderate, Low?
- b) What is the southern most extent of auroral activity?
- c) In what states would you expect to see aurora?

## Comprehension Question:

Based on the data you have analyzed, answer the question, "Have auroras been seen within the last 24 hours due to a solar storm?"